

PATENT

Docket No. WIW-001.01

SYSTEM AND METHOD FOR UTTERANCE VERIFICATION OF CHINESE LONG AND SHORT KEYWORDS

ABSTRACT OF THE DISCLOSURE

An utterance verification system and method includes: a new formulation of log-likelihood ratio (LLR) that discriminates between true and mis-recognition scores; a new dynamic threshold setting that permits each keyword to have its own individual threshold; and/or use of higher resolution subword units for HMM based (Hidden Markov Model-based) utterance verification. The system and method are especially suited for automated processing of speech of syllable-based languages, for example, Chinese (for example, Mandarin or Cantonese).